|  | Index of Claims   |          |                 |          |          |        |           |           |                |                |              |          | Application No. |           |                        |             |              |               |           |          |          |               | Applicant(s)    |          |           |          |         |                 |           |             |
|--|---|----------|-----------------|----------|----------|--------|-----------|-----------|----------------|----------------|--------------|----------|-----------------|-----------|------------------------|-------------|--------------|---------------|-----------|----------|----------|---------------|-----------------|----------|-----------|----------|---------|-----------------|-----------|-------------|
|  |   |          |                 |          |          |        |           |           |                |                |              |          |                 | lo        | 09/761,700<br>Examiner |             |              |               |           |          |          |               | VADEKAR ET AL.  |          |           |          |         |                 |           |             |
|  |   |          |                 |          |          |        |           |           |                |                |              |          |                 |           |                        |             |              |               |           |          |          |               | Art Unit        |          |           |          |         |                 |           |             |
|  |   |          |                 |          |          |        |           |           |                |                |              |          |                 |           | David Callahaa         |             |              |               |           |          |          |               |                 |          |           |          |         |                 |           |             |
|  | 1 122/11 20/12 10/1 |          |                 |          |          |        |           |           |                |                |              |          |                 |           | Paul Callahan          |             |              |               |           |          |          |               |                 | 213      | 37        |          |         | $\bot$          |           | <del></del> |
|  |   |          |                 |          |          |        |           |           |                |                |              |          |                 |           |                        | ٢           |              | <del></del> - |           |          |          |               |                 |          |           |          | ٦       |                 |           |             |
|  |   |          | <sub>4</sub>    | Re       | ejec     | ected  |           |           | _              | (Through numer |              |          | ral)            | al)       |                        | N           | Non-Elect    |               |           | d        |          | A             | Appeal          |          |           |          |         |                 |           |             |
|  |   |          | Ш               | -        |          |        | 4         |           | $\dashv$       |                | Canc Iled    |          |                 |           |                        |             | -            | <u> </u>      |           |          |          |               |                 |          |           |          | -       |                 |           |             |
|  |   |          |                 | Allowed  |          |        |           | ÷         | •              | Restricted     |              |          |                 |           | 1                      | Interferen  |              | ene           | ce        |          | o        | Objected      |                 |          |           |          |         |                 |           |             |
|  |   |          |                 | L        |          | J      | ļ         | $\perp$   |                |                |              |          |                 | L         |                        | <del></del> |              |               |           | J        |          |               |                 |          | J         |          |         |                 |           |             |
|  | Claim   |          |                 | Date     |          |        | te.       |           |                | $\neg$         | Claim        |          |                 |           | ate                    |             |              |               | Γ         | Cla      | Claim    | $\overline{}$ | Date            |          |           |          | $\neg$  |                 |           |             |
|  |   | 1        | স               |          |          | Ī      | Ť         |           |                |                |              |          |                 | T         | П                      | Ī           |              |               | $\Box$    | T        |          |               |                 | $\top$   |           | T        | Т       |                 | $\neg$    |             |
|  | Final   | Original | 50/02/1         |          |          |        |           |           |                |                | Final        | Original |                 |           |                        |             |              |               |           |          | Final    | Original      |                 |          |           |          |         |                 |           |             |
|  | II.   | ő        | 1               |          |          |        |           |           |                |                | "            | ō        |                 |           |                        |             |              |               | 11        |          | ۳        | ō             |                 |          |           |          |         |                 |           |             |
|  |   | 1        | 1               | $\dashv$ | $\dashv$ | +      | T         |           | $\dashv$       | $\dashv$       | $\vdash$     | 51       | $\top$          | $\dagger$ | П                      |             | $\exists$    |               |           | t        |          | 101           |                 |          |           |          | 1       | $\Box$          | ゴ         |             |
|  |   | 2        | V               |          |          | $\bot$ |           |           |                | $\Box$         |              | 52       |                 |           | Ц                      |             | [            | $\perp$       | $\square$ | F        | $\Box$   | 102           |                 |          | Ш         | 4        | $\perp$ | П               | $\Box$    |             |
|  |   | 3        | 4               | $\dashv$ | -        | +-     | +-        | Н         | $\dashv$       | $\dashv$       |              | 53<br>54 | +               | +-        | $\vdash$               |             | +            | +             | H         | -        | -        | 103<br>104    | $\vdash$        |          | +         | +        | +-      | $\vdash$        | $\dashv$  |             |
|  |   | 5        | 7               |          | $\dashv$ | +      | +         |           | 1              | $\dashv$       |              | 55       | +               | +         | $\vdash$               | $\dashv$    | +            | +             | H         | H        | $\dashv$ | 105           | H               | +        | $\vdash$  | $\dashv$ | ╅       | H               | $\dashv$  |             |
|  |   | 6        | V               |          |          |        |           |           |                |                | •            | 56       |                 |           |                        |             |              |               |           |          |          | 106           |                 |          |           |          |         |                 |           |             |
|  |   | 7        | <b>V</b>        | _        | $\dashv$ | +      | 1         |           |                | _              |              | 57       | +               | +         | Н                      | $\dashv$    | 4            | +             | $\vdash$  | -        | _        | 107           | Ш               | +        | $\sqcup$  | +        | -       |                 | _         |             |
|  |   | 8        | 7               | $\dashv$ | -        | +      | +         | Н         | $\dashv$       | $\dashv$       |              | 58<br>59 | _               | +         | $\vdash$               | $\dashv$    | $\dashv$     | ╌             | H         | ŀ        | -        | 108<br>109    | $\vdash$        |          | ++        | +        | ╁       | $\vdash$        | $\dashv$  |             |
|  |   | 10       | П               |          | $\dashv$ | ╅      | T         | H         |                | ヿ              |              | 60       | -               | $\dagger$ | H                      | 1           | T            | +             | $\Box$    | r        |          | 110           |                 |          | $\Box$    | $\top$   | _       | $\Box$          | $\neg$    |             |
|  |   | 11       | Ш               |          |          |        |           |           |                |                |              | 61       |                 |           |                        |             | $\Box$       |               |           |          |          | 111           |                 |          |           |          |         |                 |           |             |
|  |   | 12<br>13 |                 |          | _        | +      | $\vdash$  |           | -              | _              | -            | 62<br>63 |                 | -         | Н                      | 4           | 4            | +             | $\vdash$  | -        |          | 112<br>113    | Н               | +        | $\dashv$  | -        | +       | $\vdash$        | -         |             |
|  |   | 14       | -               | -        | +        | +      | +         | Н         | +              | $\dashv$       |              | 64       | _               | +         | $\vdash$               | $\dashv$    | $\dashv$     | +             | Н         | ŀ        | $\dashv$ | 114           | $\vdash$        | $\dashv$ | $\vdash$  | $\dashv$ | +       | $\vdash$        |           |             |
|  |   | 15       |                 |          |          |        |           |           |                |                |              | 65       |                 | İ.        |                        |             | 1            |               |           | Ĺ        |          | 115           |                 |          |           | 土        |         |                 |           |             |
|  |   | 16       |                 | _        | _        |        |           |           | $\perp$        | 4              |              | 66       | _               | -         | Ш                      | _           | _            |               | Ш         | L        | _        | 116           |                 |          | $\sqcup$  | $\perp$  | $\bot$  | Ш               | _         |             |
|  |   | 17<br>18 | -               | $\dashv$ |          | ╁      | +         |           | $\perp$        | _              |              | 67<br>68 | +               | -         |                        | $\dashv$    | $\dashv$     | ╬             | +         | ŀ        |          | 117<br>118    | $\vdash$        | -        | H         | +        | +       | Н               | $\dashv$  |             |
|  |   | 19       | Н               | $\dashv$ |          | +      | T         |           | _              | $\dashv$       |              | 69       | +               | +-        | $\vdash$               | 寸           | 十            | +-            | H         | H        | 1        | 119           | H               |          | $\dagger$ | +        | +       |                 | $\dashv$  |             |
|  |   | 20       |                 |          |          | 1      |           |           |                | $\Box$         |              | 70       |                 | 1         | П                      | $\Box$      |              | $\perp$       |           |          |          | 120           |                 |          | П         |          |         |                 |           |             |
|  |   | 21<br>22 | Н               | _        | -        | +      | 1         | -         | -              |                |              | 71<br>72 |                 | +         | $\vdash$               | 4           |              | +             | Н         | F        |          | 121<br>122    | -               |          | +         | +        | +       |                 | -         |             |
|  |   | 23       | Н               | $\dashv$ | +        | +      | +         | Н         | +              | $\dashv$       | <u> </u>     | 73       | +               | +         | $\vdash$               | +           | -+           | +             | H         | H        | _        | 123           |                 | +        | +         | +        | +       | ++              | $\dashv$  |             |
|  |   | 24       |                 |          |          |        |           |           |                |                |              | 74       |                 |           |                        |             | 1            |               |           |          |          | 124           |                 |          |           |          |         |                 |           |             |
|  |   | 25       |                 | _        | _        | +      | $\perp$   |           | _              | _              | <u> </u>     | 75       | _               | -         | Ш                      | $\dashv$    | -            |               | $\sqcup$  | ┝        |          | 125           | $\perp$         | _        | $\sqcup$  | $\perp$  | 4       | $\sqcup$        | _         |             |
|  |   | 26<br>27 | $\vdash$        | $\dashv$ | +        | +      | +         |           | $\dashv$       | _              | <del> </del> | 76<br>77 | +               | +         | $\vdash$               | _           | _            | +             | H         | F        |          | 126<br>127    |                 | -        | H         | +        | +       | H               | $\dashv$  |             |
|  |   | 28       |                 |          | 士        | ╧      | $\Box$    | $\exists$ |                |                |              | 78       |                 |           |                        | ·           |              | 士             |           | ŀ        |          | 128           |                 | 士        |           |          | 士       | 廿               |           |             |
|  |   | 29       | П               | $\Box$   |          | T      |           |           | $\Box$         |                |              | 79       |                 | $\bot$    |                        | $\Box$      | $\Box$       | $\perp$       | П         | F        | $\Box$   | 129           | П               |          | П         | $\perp$  | $\perp$ | П               | $\Box$    |             |
|  |   | 30<br>31 | $\vdash$        | $\dashv$ | +        | +      | $\vdash$  | -         |                | $\dashv$       |              | 80<br>81 | +               | +         | $\vdash$               | $\dashv$    | +            | +             | H         | -        |          | 130<br>131    | $\vdash \vdash$ | +        | $\dashv$  | +        | +       | $\vdash$        | $\dashv$  |             |
|  |   | 32       | H               | $\dashv$ | +        | +      | H         |           |                | $\exists$      |              | 82       | $\dashv$        | +         | H                      | $\dashv$    | $\dashv$     | +             | +         | ŀ        |          | 132           | $\vdash$        | +        | +         | $\dashv$ | +       | H               | $\dashv$  |             |
|  |   | 33       |                 |          |          |        | $\Box$    |           |                | $\exists$      |              | 83       | 工               | 1         | П                      |             |              |               |           | L        |          | 133           |                 |          | 口         |          |         |                 |           |             |
|  |   | 34       | $\Box$          | _[       | _[       | 4      | $\Box$    | $\Box$    | $\perp$        | _              |              | 84       | $\perp$         | $\perp$   | $\Box$                 | $\dashv$    | $\bot$       | $\perp$       | Щ         | F        |          | 134           | $\Box$          | $\perp$  | $\Box$    |          | $\perp$ | $\prod$         | _         |             |
|  |   | 35<br>36 | Н               | $\dashv$ |          | +-     | +         | $\dashv$  | $\dashv$       | $\dashv$       | -            | 85<br>86 | +               | +         | $\vdash \vdash$        | +           | +            | +             | $\forall$ | $\vdash$ | $\dashv$ | 135<br>136    | $\vdash$        | +        | $\vdash$  | +        | +       | H               | $\dashv$  |             |
|  |   | 37       |                 |          |          |        | $\coprod$ | $\vdash$  | $\exists$      | $\exists$      |              | 87       | _               | 1         | 団                      |             | _+           | _             | $\Box$    | F        |          | 137           |                 | _        | $\vdash$  |          | 1       | $\Box$          |           |             |
|  |   | 38       |                 | $\Box$   |          |        | П         |           | $\Box$         |                |              | 88       | $\perp$         |           |                        | $\Box$      | $\downarrow$ | I             | П         |          |          | 138           |                 | T        | П         | $\Box$   | 工       | П               |           |             |
|  |   | 39<br>40 | $\vdash \vdash$ | _        | +        | +      | $\vdash$  |           | $\dashv$       | $\dashv$       | <u> </u>     | 89<br>90 | +               | +-        | $\vdash$               | -           | +            | +             | $\vdash$  | -        |          | 139<br>140    | $\vdash \vdash$ | +        | $\dashv$  | -        | +-      | ╁               | $\dashv$  |             |
|  |   | 41       | H               | $\dashv$ | +        | +      | ╁┤        | $\dashv$  | $\dashv$       | $\dashv$       |              | 90       | +               | +         | $\vdash$               | $\dashv$    | $\dashv$     | +             | H         | +        | -+       | 141           | $\vdash \vdash$ | +        | + +       | -        | +       | $\vdash \vdash$ | $\dashv$  |             |
|  |   | 42       |                 |          |          | I      |           |           |                |                |              | 92       |                 |           | 口                      |             |              |               |           | Ĺ        |          | 142           | 口               |          |           |          |         |                 |           |             |
|  |   | 43       |                 | $\perp$  |          | F      | $\Box$    |           | 1              | _              |              | 93       | $\perp$         | 1         | П                      | _[          | 4            | $\perp$       | $\Box$    | L        | $\dashv$ | 143           |                 |          |           | 1        | $\perp$ | $\prod$         | 4         |             |
|  |   | 44<br>45 | $\vdash$        | -+       | +        | +      | H         |           | $\dashv$       | $\dashv$       |              | 94<br>95 |                 | +         | ┤┤                     | $\dashv$    | $\dashv$     | +             | H         | F        | +        | 144<br>145    | +               | $\dashv$ | ╁┼┤       | +        | +       | $\vdash \vdash$ | $\dashv$  |             |
|  |   | 46       | $\Box$          | 寸        |          | T      |           |           | 士              |                |              | 96       |                 | 1         |                        |             | _†           |               |           | ŀ        |          | 146           |                 |          | 口         | $\perp$  | $\perp$ |                 | $\exists$ |             |
|  |   | 47       | П               | $\Box$   |          | L      |           | $\Box$    | $\blacksquare$ | $\Box$         |              | 97       |                 | $\bot$    |                        | $\Box$      | $\Box$       | $\bot$        |           |          | $\Box$   | 147           |                 | $\bot$   | П         | $\bot$   | $\bot$  | П               | $\Box$    |             |
|  |   | 48<br>49 | $\vdash$        | $\dashv$ |          | +      | +         | $\dashv$  | -+             | $\dashv$       |              | 98<br>99 | - -             | +         | $\vdash \vdash$        | -           | +            | +             | H         | -        |          | 148<br>149    |                 | +        |           | +        | +       | H               | $\dashv$  |             |
|  |   | 50       | $\vdash$        | $\dashv$ | +        | +      | +         | $\dashv$  | +              | 1              |              | 100      | +               | +         |                        | +           | $\dashv$     | +-            | H         | +        |          | 150           | $\dashv$        | +        | $\forall$ | +        | +       | $\vdash$        | $\dashv$  |             |
|  |   |          |                 |          |          | •      |           |           |                |                |              |          |                 | -         |                        |             |              |               |           | _        |          |               |                 |          |           |          |         |                 |           |             |

Application No.

Applicant(s)